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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/704,073	11/01/2000	Ludovic Hauduc	06576.105030-MS No. 15466	3930
45979	7590	03/25/2005	EXAMINER LIN, WEN TAI	
PERKINS COLE LLP/MSFT P. O. BOX 1247 SEATTLE, WA 98111-1247			ART UNIT 2154	
			PAPER NUMBER	

DATE MAILED: 03/25/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Notice of Allowability

Application No.

09/704,073

Examiner

Wen-Tai Lin

Applicant(s)

HAUDUC ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to request for reconsideration made on 1/21/05 and telephone interview on 3/7/05.
2. ☒ The allowed claim(s) is/are 11-19 and 21-31, renumbered as 1-20.
3. ☒ The drawings filed on 01 November 2000 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152).
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

EXAMINER'S AMENDMENT

1. An examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable, an amendment may be filed as provided by 37 C.F.R. 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the Issue Fee.

2. Authorization for the examiner's amendment was given in a telephone interview with Mr. Rajiv Sarathy, reg. no. 55592, on March 7, 2005.

3. In the claims:

Please amend the claims to the following:

11. (Previously Presented) A computer-readable medium having computer-executable instructions for performing steps relating to converting to a preferred language supplemental content of an application received from a server, the steps performed at a client, comprising:

determining the preferred language;

providing an indication of the determined preferred language to the server;

receiving the application from the server, wherein the application is received in the preferred language;

downloading a language pack corresponding to the preferred language, the language pack comprising localized strings and string identifiers associated with the localized strings;

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retrieving supplemental content of the application from the server, the supplemental content having identifiers for localizable strings;
finding a localizable string identifier of the retrieved supplemental content in the downloaded language pack, wherein the finding includes matching the localizable string identifier of the supplemental content with a localized string identifier of the downloaded language pack; and
utilizing a localized string corresponding to the found localizable string identifier to provide localized supplemental content.

12. (Currently Amended) The ~~method~~ computer-readable medium of claim 11 wherein the utilizing includes reading the localized string corresponding to the found localizable string identifier from the language pack and providing the read localized string to a web browser operating at the client.

13. (Currently Amended) The ~~method~~ computer-readable medium of claim 11 wherein the language pack further comprises a component object and the finding is performed by the component object.

14. (Currently Amended) The ~~method~~ computer-readable medium of claim 11 wherein the determining includes receiving an indication of an explicit language preference.

15. (Currently Amended) The ~~method~~ computer-readable medium of claim 11 wherein the determining includes determining a language of an operating system of the client.

16. (Currently Amended) The ~~method~~ computer-readable medium of claim 11 wherein the downloading includes downloading a component object.

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17. (Currently Amended) The ~~method~~computer-readable medium of claim 11 wherein the supplemental content is a pop-up menu.

18. (Currently Amended) The ~~method~~computer-readable medium of claim 11 wherein a script operating at the client retrieves the supplemental content and provides the localized supplemental content.

19. (Currently Amended) The ~~method~~computer-readable medium of claim 11 wherein a script operating at the client requests a component object to provide the localized supplemental content.

20. (Cancelled)

21. (Currently Amended) The ~~method~~system of claim 20-31 wherein the language pack further comprises a component object ~~and the localizing is performed by the component object~~that localizes the supplemental content.

22. (Currently Amended) The ~~method~~system of claim 20-31 wherein the ~~receiving includes receiving a component object~~ is downloaded with the language pack.

23. (Currently Amended) The ~~method~~system of claim 20-31 wherein the supplemental content is a pop-up menu.

24. (Currently Amended) The ~~method~~system of claim 20-31 wherein a script operating at the client retrieves and localizes the supplemental content.

25. (Currently Amended) The ~~method~~system of claim 20-31 wherein a script operating at the client requests a component object to provide the localized supplemental content.

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26. (Currently Amended) A method of converting supplemental content of a server-based application into a preferred language of a client, comprising:

~~receiving an indication of a preferred language;~~

~~converting content of the application into the indicated preferred language;~~

~~providing the application with the converted content to the client;~~

~~providing a language pack and supplemental content to the client, the language pack comprising localized strings relating to localizable strings of the supplemental content.~~

determining the preferred language;

providing an indication of the determined preferred language to the server;

receiving the application from the server, wherein the application is received in the preferred language;

downloading a language pack corresponding to the preferred language, the language pack comprising localized strings and string identifiers associated with the localized strings;

retrieving supplemental content of the application from the server, the supplemental content having identifiers for localizable strings;

finding a localizable string identifier of the retrieved supplemental content in the downloaded language pack, wherein the finding includes matching the localizable string identifier of the supplemental content with a localized string identifier of the downloaded language pack; and

utilizing a localized string corresponding to the found localizable string identifier to provide localized supplemental content.

27. (Previously Presented) The method of claim 26 wherein the language pack further comprises an identifier for each localized string.

28. (Previously Presented) The method of claim 26 including providing a component object to the client.

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29. (Previously Presented) The method of claim 28 wherein the component object retrieves localized strings from the language pack.

30. (Previously Presented) The method of claim 26 wherein the language pack is associated with the received indication of the preferred language and comprises supplemental content that is localized into the indicated preferred language.

31. (New) A system for converting to a preferred language supplemental content of an application received from a server, comprising:

a component that determines the preferred language, provides an indication of the determined preferred language to the server, receives the application from the server, wherein the application is received in the preferred language, and downloads a language pack corresponding to the preferred language, the language pack comprising localized strings and string identifiers associated with the localized strings; and

a component that retrieves supplemental content of the application from the server, the supplemental content having identifiers for localizable strings, finds a localizable string identifier of the retrieved supplemental content in the downloaded language pack and matches the localizable string identifier of the supplemental content with a localized string identifier of the downloaded language pack, and utilizes a localized string corresponding to the found localizable string identifier to provide localized supplemental content.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Wen-Tai Lin whose telephone number is (571)272-3969. The examiner can normally be reached on Monday-Friday (8:00-5:00) .

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee can be reached on (571)272-3964. The fax phone

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numbers for the organization where this application or proceeding is assigned are as follows:

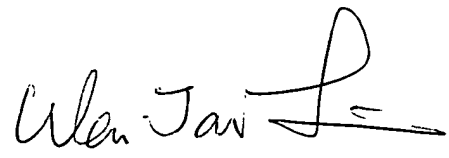
(703)872-9306 for official communications; and

(571)273-3969 for status inquires draft communication.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Wen-Tai Lin

March 7, 2005



3/7/05